

Title (en)  
IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Title (de)  
BILDVERARBEITUNGSVORRICHTUNG UND BILDVERARBEITUNGSVERFAHREN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE TRAITEMENT D'IMAGE

Publication  
**EP 2903263 A1 20150805 (EN)**

Application  
**EP 13840385 A 20130926**

Priority  
• JP 2012213909 A 20120927  
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Abstract (en)  
To increase the processing speed when median processing in the time direction is performed on color images, pixel values of each channel (R, G and B values) are extracted from multiple temporally consecutive frame images; subsequently, identifiers (index numbers) corresponding to frame images from which the pixel values are extracted are assigned to the pixel values; subsequently, a sorting process is performed on a set of pixel values of one channel (G values) to obtain an identifier assigned to a median value thereof; subsequently, a pixel value to which an identifier identical with that assigned to the median value is assigned is selected as a median value of each channel; and subsequently, a median image is generated on the basis of the median value of each channel obtained for each pixel.

IPC 8 full level  
**H04N 9/64** (2006.01); **G06T 5/00** (2006.01); **G06T 5/20** (2006.01)

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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